## **HOT WATER DEMANDS**

ESTABLISHMENT	DATE						
ADDRESS							
Fixtures	No. Units	X	GPH	=	Total GPH		
		X		_ =			
		X		_ =			
		X		_ =			
		X		_ =			
		X		_ =			
		X		_ =			
		X		_ =			
		X		_ =			
		X		_ =			
		X		_ =			
		TOTAL GPH =					
COMPUTING THE BTU INPUT ( <b>Gas Water Heate</b> ) TOTAL GPH x% (See Sizing re	ŕ	=	GPH re	equired	l.		
GPH required x $60^{\circ}$ rise x $11 =$	BTU input of v	water hea	ter.				
FORMULA FOR <b>ELECTRIC WATER HEATER</b> : GPH required x .149 = KW	I input.						
SIZING REQUIREMENTS FOR STORAG See next page for Instantaneous, ie, tankless w		EATER	RS				
Food facilities with multi service eating utensils, heavy	lities with multi service eating utensils, heavy use (serving 3 meals a day):				100% GPH required		
od facilities with multi service eating utensils, moderate use:				90% GPH required			

Food facilities that sell only prepackaged foods, a water heater with a minimum storage capacity of 10 gallons must be provided.

80% GPH required

Food facilities with only single-service eating utensils or don't use utensils at all:

## HOURLY HOT WATER DEMAND TABLE

## **Utensil Sinks**

18" x 18" 14 Gallons per compartment (base at 10" deep)

24" x 24" 25 Gallons per compartment

Custom sink sizes can be calculated using the following formula:

Length (ft.) x Width (ft.) x Depth (ft.) x 7.5 = gallons per compartment.

Bar Sinks Hand Sinks

6 Gallons per compartment 5 Gallons per sink

Pre-rinse Units Clothes Washers

Hand spray type 45 gallons 9 and 12 lb washers 45 gallons
Other type: Refer to manufacture's 60 gallons

specifications for equipment

Food Preparation Sinks Employee Shower

5 Gallons per sink 20 Gallons per shower

Janitorial Sinks and Garbage Can Wash Other Fixtures That Use Hot Water

<u>Facilities</u>

Refer to manufacture's specifications for the equipment or

NSF® listing. 15 Gallons per sink or facility

## **INSTANTANEOUS WATER HEATERS:**

Instantaneous water heaters must be sized to provide hot water of at least 120°F, and at a rate of at least 2GPM to each sink (hand sinks must receive at least ½ GPM). NSF listings are used to determine the minimum GPM hot water demand for automatic dishwashers.